

Work Order ID 58284

May 3, 2010 10:22:27 AM



Page 1

Item ID: D205-633-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Access-Step

Start Date: 5/03/10 Start Qty: 6.00



Cust Item ID:

Required Date: 5/07/10 Req'd Qty: 6.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

N/A

Rev N/A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP205-633-011 CHG001

5/6/2009

JG for BG 10/06/03

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

=> m-l 10/06/03

(6x)

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

5/6/2009

(46)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D205-633-011

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Item Name: Heli-Access-Step

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Start Date: 5/03/10 Start Qty: 6.00



Cust Item ID:

Required Date: 5/07/10 Req'd Qty: 6.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D205-633-011
Location: 70

Rev G

10-6-9 SL (signature)

140

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

10/06/09 (signature)

MF
10-6-9

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 58284

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments: IPP Rev: F102.07.11 Reformat: Removed D3010 (RFI)

Start Date: 5/03/10

Required Date: 5/07/10

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	---------------	----------------	--------

AN4-14A

Purchased

No

110

Each

48.0000



M119582

6



Bolt

Location

Loc Qty

Loc Code

ST357

21

114494

21

ST358

27

113359

27

AN4-5A

Purchased

No

110

Each

281.0000



2

6



Bolt

Location

Loc Qty

Loc Code

ST356

281

114108

81

114330

200

M119108

AN4-6A

Purchased

No

110

Each

872.0000



2

M119615 114

M160671X



Bolt

Location

Loc Qty

Loc Code

ST356

872

112933

172

113149

600

114523

100

AN4-7A

Purchased

No

110

Each

232.0000



2



Bolt

Location

Loc Qty

Loc Code

ST356

232

113226

232

12x M-1 10/06/03

✓

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 2

Work Order ID: 58284

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments: IPP Rev: F02.07.11 Reformat; Removed D3010

Start Date: 5/03/10

Required Date: 5/07/10

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	---------------	----------------	--------

AN5-14A		Purchased	No			110	Each	85.0000	1			
---------	--	-----------	----	--	--	-----	------	---------	---	--	--	--

Bolt

Location	Loc Qty	Loc Code
----------	---------	----------

ST338	85	
112411 ✓	35	
112489	50	

AN5-6A		Purchased	No			110	Each	57.0000	1			
--------	--	-----------	----	--	--	-----	------	---------	---	--	--	--

Bolt

Location	Loc Qty	Loc Code
----------	---------	----------

ST337	57	
111425 ✓	7	
112243 ✓	50	

AN960JD416		Purchased	No			110	Each	0.0000	15			
------------	--	-----------	----	--	--	-----	------	--------	----	--	--	--

Washer

AN960JD516		Purchased	No			110	Each	0.0000	4			
------------	--	-----------	----	--	--	-----	------	--------	---	--	--	--

Washer

D2021-101		Manufactured	No			110	Each	12.0000	1			
-----------	--	--------------	----	--	--	-----	------	---------	---	--	--	--

Eyebolt

Location	Loc Qty	Loc Code
----------	---------	----------

ST004	12	
55021 ✓	12	

6X m-l 10/06/03

M 114576 2X m-l 10/06/03

M 113706

90X m-l 10/06/03

M 113706

24X m-l 10/06/03

359105 SP 10/06/03

1X m-l 10/06/03

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Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 3

Work Order ID: 58284

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments: IPP Rev: F102.07.11 Reformat; Removed D3010 RF1

Start Date: 5/03/10

Required Date: 5/07/10

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	---------------	----------------	--------

D2022-101		Manufactured	No			110	Each	251.0000	2			
-----------	--	--------------	----	--	--	-----	------	----------	---	--	--	--



Spacer

Location

Loc Qty

Loc Code

ST504

251

45885

51

50746

100

52325

100

45885

12x

m-h 10/06/03

D2022-103		Manufactured	No			110	Each	146.0000	2			
-----------	--	--------------	----	--	--	-----	------	----------	---	--	--	--



Spacer

Location

Loc Qty

Loc Code

ST004

146

47964

146

47964

12x

m-h 10/06/03

D2562-001		Manufactured	No			110	Each	0.0000	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	--	--	--



Strut

D2563		Manufactured	No			110	Each	0.0000	1			
-------	--	--------------	----	--	--	-----	------	--------	---	--	--	--



Step Weldment Assembly

D2565-101		Manufactured	No			110	Each	1.0000	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	--	--	--



Strut

Location

Loc Qty

Loc Code

ST270

1

56305

1

B58287 3x

B-59218 3x 10/06/03

3x m-h 10/06/03

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Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 4

Work Order ID: 58284

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments: IPP Rev: F1 (02.07.11) Reformat; Removed D3010 (RFI)

Start Date: 5/03/10

Required Date: 5/07/10

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	---------------	----------------	--------

D2565-103		Manufactured	No			110	Each	3.0000	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	--	--	--



Strut

Location	Loc Qty	Loc Code
----------	---------	----------

ST270	3	
56306 BS 8288	3	

D2565-105		Manufactured	No			110	Each	4.0000	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	--	--	--



Strut

Location	Loc Qty	Loc Code
----------	---------	----------

ST270	4	
56307 BS 8289	4	

D2565-107		Manufactured	No			110	Each	1.0000	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	--	--	--



Strut

Location	Loc Qty	Loc Code
----------	---------	----------

ST270	1	
56308 BS 8290	1	

D2565-109		Manufactured	No			110	Each	4.0000	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	--	--	--



Strut

Location	Loc Qty	Loc Code
----------	---------	----------

ST270	4	
54767	3	
56309	1	

58292

14 59219 C/10/6/03

SX m-h 10/06/03

14 59220 C
SX m-h 10/06/03

3 59221 -37 C/10/6/03
3X m-h 10/06/03

BS 9222 37 C/10/6/03
3X m-h 10/06/03

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Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

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Work Order ID: 58284

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments: IPP Rev: F1102.07.1111 Reformat; Removed D3010 (IRF)

Start Date: 5/03/10

Required Date: 5/07/10

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	---------------	----------------	--------

D2565-111		Manufactured	No			110	Each	1.0000	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	--	--	--



Strut

Location

Loc Qty

Loc Code

ST270

56310

B58294

110

Each

2,811.000

8

MS21042L4

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST139

2

111827

2

ST300

2309

113422

96

114108

205

114523

2000

9063

8

ST463

500

114416

500

MS21042L5

12x

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST300

697

113523

26

113537

3

114108

168

114437

100

114449

400

B-59223 3x 10/6/03

3x m-h 10/06/03

48x m-h 10/06/03

12x m-h 10/06/03

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Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5.0 PARTS LISTS

5.1 D205-633-011/-013/-015/-017 Heli-Access Step

QTY -011	QTY -013	QTY -015	QTY -017	Part Number	Description
X				D205-633-011	Heli-Access-Step™, High Gear
	X			D205-633-013	Heli-Access-Step™, Extended High Gear (31")
		X		D205-633-015	Heli-Access-Step™, Extended High Gear (39")
			X	D205-633-017	Heli-Access-Step™, Standard Low Gear
1			1	D2021-101	EYEBOLT
2	2	2	2	D2022-101	SPACER
2	2	2	2	D2022-103	SPACER
1				D2562-001	STRUT
		1		D2562-005	STRUT
			1	D2562-007	STRUT
	1			D2562-013	STRUT
1	1	1	1	D2563	WELDMENT ASSEMBLY
1				D2565-101	STRUT
1				D2565-103	STRUT
1				D2565-105	STRUT
1				D2565-107	STRUT
1				D2565-109	STRUT
1				D2565-111	STRUT
	1			D2565-201	STRUT
	1			D2565-203	STRUT
	1			D2565-205	STRUT
	1			D2565-207	STRUT
	1			D2565-209	STRUT
	1			D2565-211	STRUT
		1		D2565-301	STRUT
		1		D2565-303	STRUT
		1		D2565-305	STRUT
		1		D2565-307	STRUT
		1		D2565-309	STRUT
			1	D2565-401	STRUT
			1	D2565-403	STRUT
			1	D2565-405	STRUT
			1	D2565-407	STRUT
			1	D2565-409	STRUT
			1	D2565-411	STRUT
		1		D3165-1	SUPPORT ARM
	1	1		AN44-7A	EYEBOLT
2	1	1	2	AN4-5A	BOLT
2	3	3	2	AN4-6A	BOLT
2	2	2	2	AN4-7A	BOLT
1	1	1	1	AN4-14A	BOLT
	1	1		AN4-10A	BOLT
1			1	AN5-6A	BOLT
1	1	1	1	AN5-14A	BOLT
15	16	16	15	AN960JD416	WASHER
4	4	4	4	AN960JD516	WASHER
8	8	8	8	MS21042L4	NUT (or MS21042-4)
2	2	2	2	MS21042L5	NUT (or MS21042-5)

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Revision: B

Date: 07.08.21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries